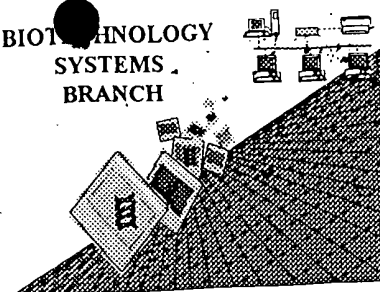


0420

RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: US 09/819,091

Source: OIPE

Date Processed by STIC: 08/17/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/819,091

DATE: 08/17/2001
TIME: 11:27:53

Input Set : D:\Atc3_aat.rpt
Output Set: N:\CRF3\08162001\I819091.raw

Does Not Comply
Corrected Diskette Needed

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2 Timberlake, William E.
4 <120> TITLE OF INVENTION: Plant Genome Sequences and Uses Thereof
6 <130> FILE REFERENCE: 38-10(15478)B
C--> 8 <140> CURRENT APPLICATION NUMBER: US/09/819,091
C--> 8 <141> CURRENT FILING DATE: 2000-02-16
8 <150> PRIOR APPLICATION NUMBER: USSN 60/120,645 1999-02-18
12; 1517
W--> 9 USSN 60/108,420 1998-11-16
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W--> 12 USSN 60/108,420 1998-11-16
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See page 6 of 10A

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put on same line)

list separately

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/819,091

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TIME: 11:27:53

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gcggacgagg ataagcctaa ctcatcgccc gctgcacgaa agctttgatt acgggccacg 120
gcaaagaaag tggcaaagtc agacatatc atccgcatta gtgaaaatcc ttcattaact 180
catcctgaat catcacgttt acaggattat gccgcctgcg taaagtgcgc tccagaactt 240
aacgtggagg taaaattatg cagtctgaac gtatttattt ggtatgggcc catcctcgtc 300
atgattcatt gaccgcacat attgctgatg cgatccatca gcgggcaatg gagcggaata 360
tacaggtgac ggaactcgat ttatatcggc gtaatttcac ccagtgatga cgccggaaga 420
tgaaccagac tggaagaata tggataaacg ttattctcca gaggttcac agctttattc 480
agagctgctt gaacatgaca cgttagtggg ggtttttgtc tctggtggta cacttccggc 540
aatgctnaag gatatatattg agagatggaa tat
```

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Input Set : D:\Atc3_aat.rpt
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L:8 M:270 C: Current Application Number differs, Replaced Current Application No
L:8 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:9 M:259 W: Allowed number of lines exceeded, <150> PRIOR APPLICATION NUMBER:
L:11 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:12 M:259 W: Allowed number of lines exceeded, <151> PRIOR FILING DATE:
L:1290 M:283 W: Missing Blank Line separator, <400> field identifier
L:1310 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:36
L:1310 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:36
L:1310 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:36
L:1310 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:2671 M:283 W: Missing Blank Line separator, <400> field identifier
L:2707 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:76
L:2707 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:76
L:2707 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:76
L:2707 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76
L:3328 M:283 W: Missing Blank Line separator, <400> field identifier
L:3346 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:93
L:3346 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:93
L:3346 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:93
L:3346 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:93
L:3427 M:283 W: Missing Blank Line separator, <400> field identifier
L:3439 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:96
L:3439 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:96
L:3439 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:96
L:3439 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96
L:3572 M:283 W: Missing Blank Line separator, <400> field identifier
L:3594 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:101
L:3594 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:101
L:3594 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:101
L:3594 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101
L:4083 M:283 W: Missing Blank Line separator, <400> field identifier
L:4105 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:116
L:4105 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:116
L:4105 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:116
L:4105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:116
L:5710 M:283 W: Missing Blank Line separator, <400> field identifier
L:5728 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:170
L:5728 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:170
L:5728 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:170
L:5728 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:170
L:6519 M:283 W: Missing Blank Line separator, <400> field identifier
L:6525 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:199
L:6525 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:199
L:6525 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:199
L:6525 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:199
L:6966 M:283 W: Missing Blank Line separator, <400> field identifier
L:6968 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:212
L:6968 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:212

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L:6968 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:212
L:6968 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:212
L:7817 M:283 W: Missing Blank Line separator, <400> field identifier
L:7831 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:241
L:7831 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:241
L:7831 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:241
L:7831 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:241
L:8060 M:283 W: Missing Blank Line separator, <400> field identifier
L:8062 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:250
L:8062 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:250
L:8062 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:250
L:8062 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:250
L:8363 M:283 W: Missing Blank Line separator, <400> field identifier
L:8383 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:261
L:8383 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:261
L:8383 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:261
L:8383 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:261
L:9028 M:283 W: Missing Blank Line separator, <400> field identifier
L:9056 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:280
L:9056 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:280
L:9056 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:280
L:9056 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:280
L:9058 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:280
L:9058 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:280
L:9058 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:280
L:9058 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:280
L:9060 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:280
L:9060 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:280
L:9060 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:280
L:9060 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:280
L:10785 M:283 W: Missing Blank Line separator, <400> field identifier
L:10801 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:330
L:10801 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:330
L:10801 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:330
L:10801 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:330
L:13086 M:283 W: Missing Blank Line separator, <400> field identifier
L:13104 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:401
L:13104 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:401
L:13104 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:401
L:13593 M:283 W: Missing Blank Line separator, <400> field identifier
L:13595 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:416
L:13620 M:283 W: Missing Blank Line separator, <400> field identifier
L:13622 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:417
L:13719 M:283 W: Missing Blank Line separator, <400> field identifier
L:13741 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:421
L:13750 M:283 W: Missing Blank Line separator, <400> field identifier
L:13780 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:422
L:13877 M:283 W: Missing Blank Line separator, <400> field identifier
L:13879 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:426

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L:14510 M:283 W: Missing Blank Line separator, <400> field identifier
L:14512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:447
L:15121 M:283 W: Missing Blank Line separator, <400> field identifier
L:15123 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:468
L:15180 M:283 W: Missing Blank Line separator, <400> field identifier
L:15182 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:470
L:15309 M:283 W: Missing Blank Line separator, <400> field identifier
L:15319 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:475
L:15698 M:283 W: Missing Blank Line separator, <400> field identifier
L:15716 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:488
L:15725 M:283 W: Missing Blank Line separator, <400> field identifier
L:15741 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:489
L:16624 M:283 W: Missing Blank Line separator, <400> field identifier
L:16626 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:517
L:16821 M:283 W: Missing Blank Line separator, <400> field identifier
L:16837 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:524
L:16898 M:283 W: Missing Blank Line separator, <400> field identifier
L:16900 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:527
L:17001 M:283 W: Missing Blank Line separator, <400> field identifier
L:17021 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:530
L:17072 M:283 W: Missing Blank Line separator, <400> field identifier
L:17074 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:532
L:17084 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:532
L:18155 M:283 W: Missing Blank Line separator, <400> field identifier
L:18171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:570
L:18820 M:283 W: Missing Blank Line separator, <400> field identifier
L:18838 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:591
L:18957 M:283 W: Missing Blank Line separator, <400> field identifier
L:18971 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:596
L:19872 M:283 W: Missing Blank Line separator, <400> field identifier
L:19874 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:622
L:19901 M:283 W: Missing Blank Line separator, <400> field identifier
L:19919 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:623
L:19921 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:623
L:21236 M:283 W: Missing Blank Line separator, <400> field identifier
L:21252 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:667
L:21265 M:283 W: Missing Blank Line separator, <400> field identifier
L:21273 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:668
L:21428 M:283 W: Missing Blank Line separator, <400> field identifier
L:21462 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:673
L:26951 M:283 W: Missing Blank Line separator, <400> field identifier
L:26981 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:824
L:27060 M:283 W: Missing Blank Line separator, <400> field identifier
L:27086 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:827
L:27088 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:827
L:28333 M:283 W: Missing Blank Line separator, <400> field identifier
L:28363 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:865
L:28506 M:283 W: Missing Blank Line separator, <400> field identifier
L:28524 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:870

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L:28855 M:283 W: Missing Blank Line separator, <400> field identifier
L:28877 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:882
L:29156 M:283 W: Missing Blank Line separator, <400> field identifier
L:29180 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:892
L:29245 M:283 W: Missing Blank Line separator, <400> field identifier
L:30340 M:283 W: Missing Blank Line separator, <400> field identifier
L:30369 M:283 W: Missing Blank Line separator, <400> field identifier
L:30548 M:283 W: Missing Blank Line separator, <400> field identifier
L:30695 M:283 W: Missing Blank Line separator, <400> field identifier